BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of work: Estimate for Improvements to Roads and Drains at Devappa Layout, Mariyamma Block, Doddachannappa Layout, Raghuram Layout in Ward No. 11, Vidyaranyapura Sub Division.

			Estimate Cost Rs.						**4900000.00**
Sl No	**Description of item**	**Unit**	**No**	**L**	**B**	**D**	**Qty**	**Rate**	**Amount**
1	KSRRB 300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications MORTH chapter 3. **Page No. 138 / Item No. 19.1 / PWD SR 2014-15**	Cum							
	Doddachannappa Layout CC Drain		2	100.00	1.00	0.90	180.00		
	CC Road Muneshwara Block		1	75.00	4.00	0.15	45.00		
			1	60.00	5.50	0.15	49.50		
	Behind Gamgamma Gudi		1	75.00	4.00	0.15	45.00		
			1	65.00	4.00	0.15	39.00		
	Somanna House Surroundings		1	60.00	5.00	0.15	45.00		
			1	70.00	4.00	0.15	42.00		
			1	38.00	3.00	0.15	17.10		
			1	22.00	4.50	0.15	14.85		
			1	65.00	5.00	0.15	48.75		
	Abdula House Road		1	48.00	4.00	0.15	28.80		
							555.00	75.60	**41958.00**
	Basic Rate	70.00							
	Area Weightage @ 8%	5.60							
	Total	**75.60**							
2	KSRB 4-1.3 : Providing and laying in position plain cement concrete of **mix 1:4:8 with OPC cement @ 180 kgs with 40mm** and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregares @ 0.57 cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2. **No. 12/ Item No. 4.3/ PWD SR 2014-**	Cum							
	CC Road Muneshwara Block		1	75.00	4.00	0.15	45.00		
			1	60.00	5.50	0.15	49.50		
	Behind Gamgamma Gudi		1	75.00	4.00	0.15	45.00		
			1	65.00	4.00	0.15	39.00		
	Somanna House Surroundings		1	60.00	5.00	0.15	45.00		
			1	70.00	4.00	0.15	42.00		
			1	38.00	3.00	0.15	17.10		
			1	22.00	4.50	0.15	14.36		
			1	65.00	5.00	0.15	48.75		
	Abdula House Road		1	48.00	4.00	0.15	28.80		
	Doddachannappa Layout CC Drain		2	100.00	1.00	0.15	30.00		
							404.51	4847.04	**1960652.00**
	Basic Rate	4488.00							
	Area Weightage @ 8%	359.04							
	Total	**4847.04**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
3	Providing and laying cement concrete using 20mm and down size granite jelly of **ready mixed concrete (RMC)for R.C.C works** laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, form works and scaffoldings to withstand pumping of concrete, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) Ready mixed Cement concrete M-20 (1:1.5:3) for raft foundation, column footing, main and secondary beams. **Page No. 18 / Item No. 4.48 / PWD SR 2014-15**	Cum							
	CC Road Muneshwara Block		1	75.00	4.00	0.10	30.00		
			1	60.00	5.50	0.10	33.00		
	Behind Gamgamma Gudi		1	75.00	4.00	0.10	30.00		
			1	65.00	4.00	0.10	26.00		
	Somanna House Surroundings		1	60.00	5.00	0.10	30.00		
			1	70.00	4.00	0.10	28.00		
			1	38.00	3.00	0.10	11.40		
			1	22.00	4.50	0.10	9.90		
			1	65.00	5.00	0.10	32.50		
	Abdula House Road		1	48.00	4.00	0.10	19.20		
							250.00	5847.12	**1461780.00**
	Basic Rate	5414.00							
	Area Weightage @ 8%	433.12							
	Total	**5847.12**							
4	Vaccum De-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator HOM of machinery Screed Vibratiry, Power Floater, blade and disc etc., with all lead and lift No. **171 / Item No. 22.7 / PWD SR 2014-15**	Sqm							
	CC Road Muneshwara Block		1	75.00	4.00		300.00		
			1	60.00	5.50		330.00		
	Behind Gamgamma Gudi		1	75.00	4.00		300.00		
			1	65.00	4.00		260.00		
	Somanna House Surroundings		1	60.00	5.00		300.00		
			1	70.00	4.00		280.00		
			1	38.00	3.00		114.00		
			1	22.00	4.50		99.00		
			1	65.00	5.00		325.00		
	Abdula House Road		1	48.00	4.00		192.00		
							2500.00	97.20	**243000.00**
	Basic Rate	90.00							
	Area Weightage @ 8%	7.20							
	Total	**97.20**							
5	Providing **groove cutting** for width of 5mm to 10mm and depth 80mm-100mm including cost of cutting machine, generator and HOM of machinery including cost of blade coolant etc including cleaning of groove and providing sand and hot bitumne fillars, and filler metal etc., indluding cost of converyance of all materials, labours, lead and lift charges and all other incidental charges as per drawing and as per specification **Concrete Pavement Page No. 172 / Item No. 22.8.1 / PWD SR 2014-15**	Rmt							
			7	4.00			28.00		
			6	5.50			33.00		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			7	4.00			28.00		
			6	4.00			24.00		
			6	5.00			30.00		
			7	4.00			28.00		
			3	3.00			9.00		
			2	4.50			9.00		
			6	5.00			30.00		
			5	4.00			20.00		
							239.00	124.20	**29684.00**
	Basic Rate	115.00							
	Area Weightage @ 8%	9.20							
	Total	**124.20**							
6	KSRB 4.2.2 : Providing and laying in position **reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs, with 20mm and down size graded granite metal**, coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplastisiser @ 3lts confirming to IS 9103-1999 reaffirmed-2008 machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, walls (any thickness) including attached plasters, column, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1,4.6, **Page No. 13 / Item No. 4.11 / PWD SR 2014-15**	Cum							
	Doddachannappa Layout CC Drain Bottom		2	100.00	0.90	0.15	27.00		
	Side Wall		4	100.00	0.15	0.60	36.00		
	Covering Slab		2	100.00	0.90	0.10	18.00		
							81.00	6065.28	**491288.00**
	Basic Rate	5616.00							
	Area Weightage @ 8%	449.28							
	Total	**6065.28**							
7	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 **TMT Bars FE 500 Page No. 17 / Item No. 4.46.2 / PWD SR 2014-15**	Tonne							
			0.06	81.00			4.86		
							4.86	78351.84	**380790.00**
	Basic Rate	72548.00							
	Area Weightage @ 8%	5803.84							
	Total	**78351.84**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
8	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and **removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm** including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 **Page No. 15 / Item No. 4.18 / PWD SR 2014-15**	Sqm							
	Doddachanappa Layout		4x2	100.00		0.60	480.00		
	Sides		2	100.00	0.60		120.00		
			4	100.00		0.10	40.00		
							640.00	314.28	**201139.00**
	Basic Rate	291.00							
	Area Weightage @ 8%	23.28							
	Total	**314.28**							
9	Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km (Page No.123)	Cum							
			Vide Item No. 1				**555.00**	73.57	**40831.00**
	Average weight of earth 1.28 tonne / kg for 2X1.28X2.00=5.12	5.12							
	Add loading and unloading Vide item no.17.1 P.no.130 PWD SR 2014-15	63.00							
		68.12							
	Area Weightage @ 8%	5.45							
	Total	**73.57**							
10	Sub Total								**4851122.00**
11	Third Party Inspection Charges								**48511.00**
12	Miscesallaneous Charges	L/S							**367.00**
								Total	**4900000.00**
	(Rupees Fourty Nine Lakhs Only)								

CERTIFICATE

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR of 2014-15.
3 This work included under MLA Grants 2015-16.
4 The provisions were made in this estimate are necessary and adequate.
5 This works come under B.B.M.P. limits.

Junior Engineer

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

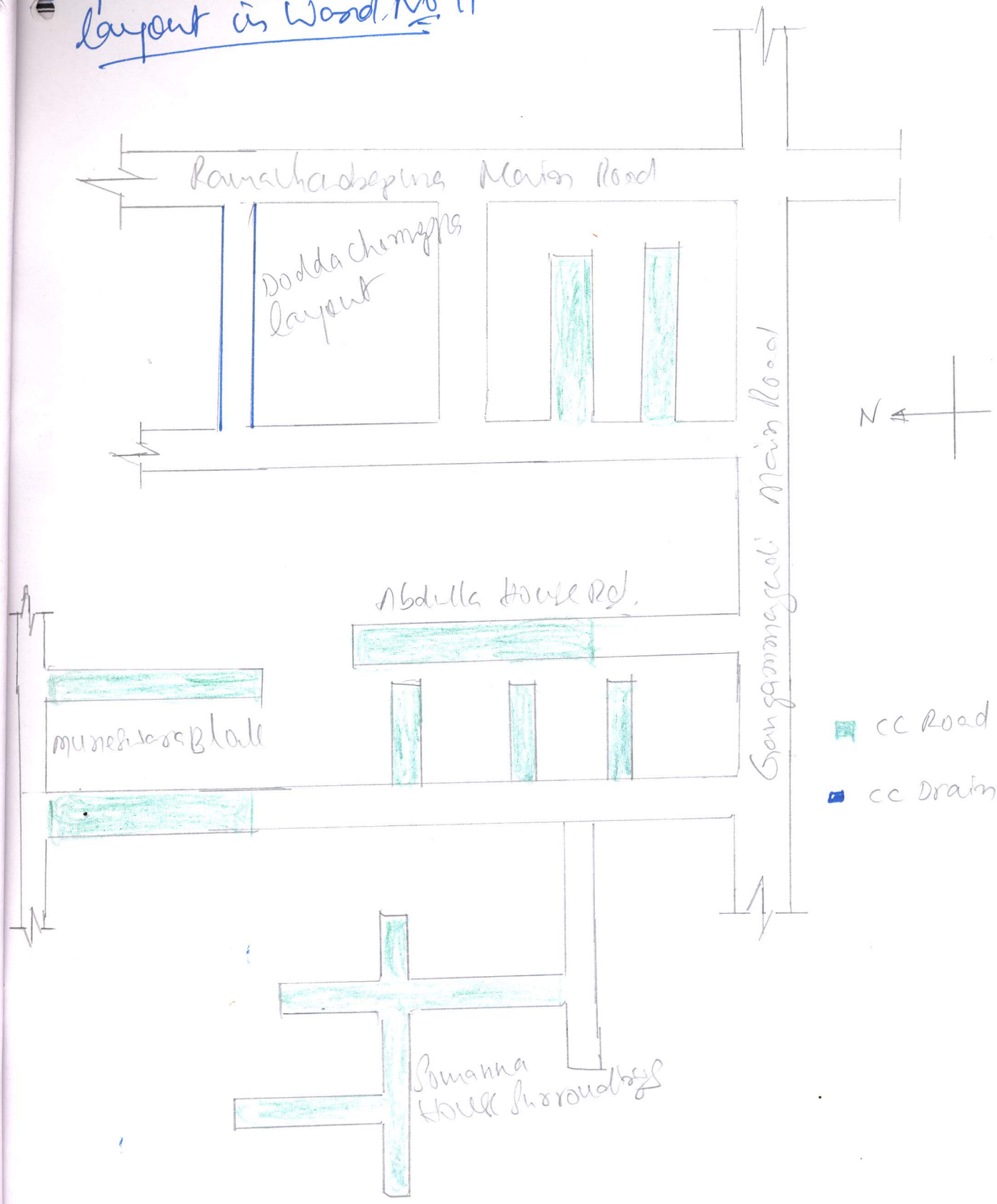
ADMINISTRATIVELY SANCTIONED FOR Rs 49.00 lakhs
Rupees Fourty Nine lakhs Only
Under P-3089
Registered as EE ( ) No 3.....9.....
Subject to conditions contained in
enclosed memo EE ( ) No /9/...
Dt Estimate / Sanctioned
No 45/2015-16
dated 20/8/2015 Rs 49.00 lakhs

Technical Sanction
Accorded For 49.00 lakh Rs.
Head of A/C P3089
CER NO : 65 Dt. 21.8.15

TA CE (TYNR)

Joint Commissioner
(Yelahanka Zone)

Name of work:- Improvements to Roads & Drains at Devappa Layout, Mariyamma Block, Doddachennappa Layout, Nagarajan Layout in Ward No. 11



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